

How to change: Mercedes W203 rear brake discs – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
MERCEDES-BENZ C-CLASS (W203) C 240 (203.061), MERCEDES-BENZ C-CLASS T-Model (S203) C 240 (203.261)

The steps may slightly vary depending on the car design.



REPLACEMENT: BRAKE DISCS – MERCEDES W203. TOOLS YOU'LL NEED:



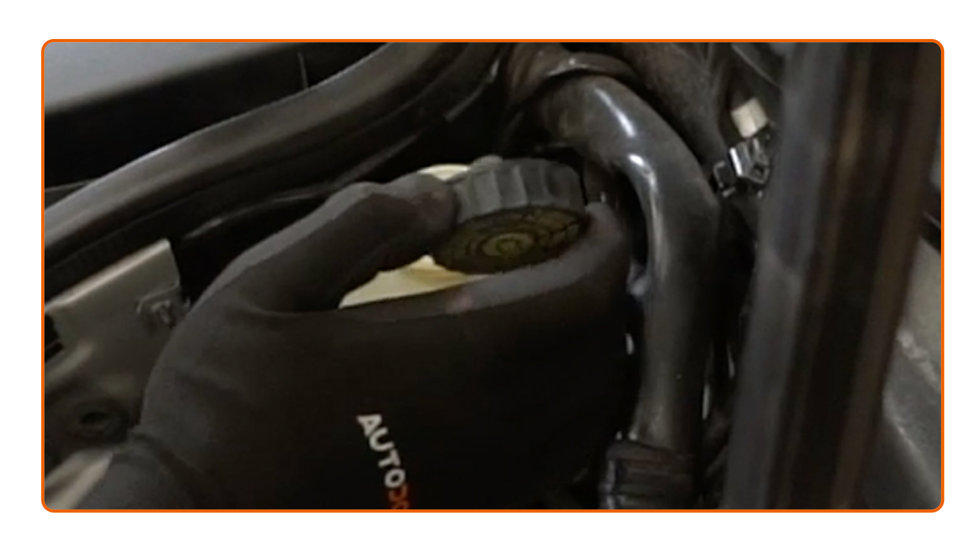
- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 18
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Hammer
- Pin punch
- Impact screwdriver
- Crow bar
- Wheel chock

Replacement: brake discs – Mercedes W203. Professionals recommend:

- Replace the brake disks on the car Mercedes W203 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – Mercedes W203 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



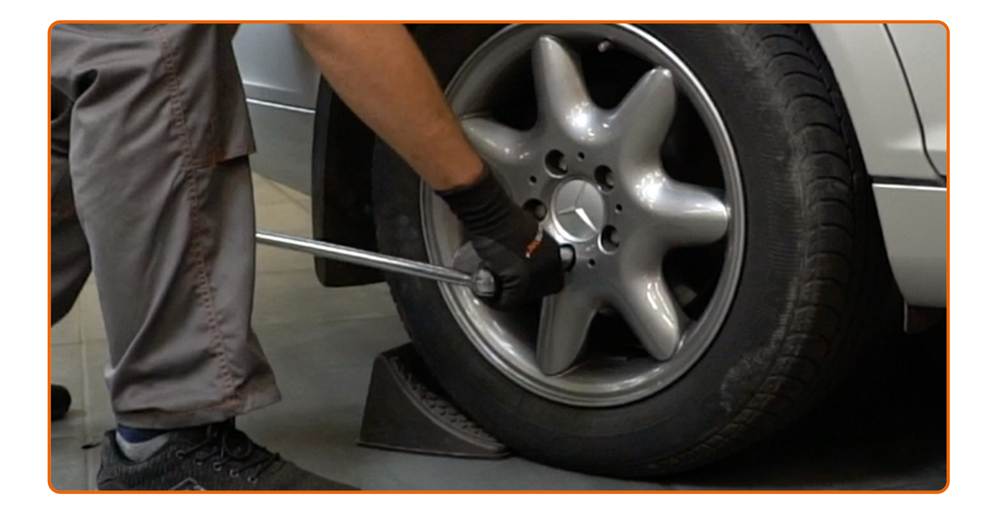
Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.



3



Loosen the wheel mounting bolts. Use wheel impact socket #17.



4



Raise the rear of the car and secure on supports.

5

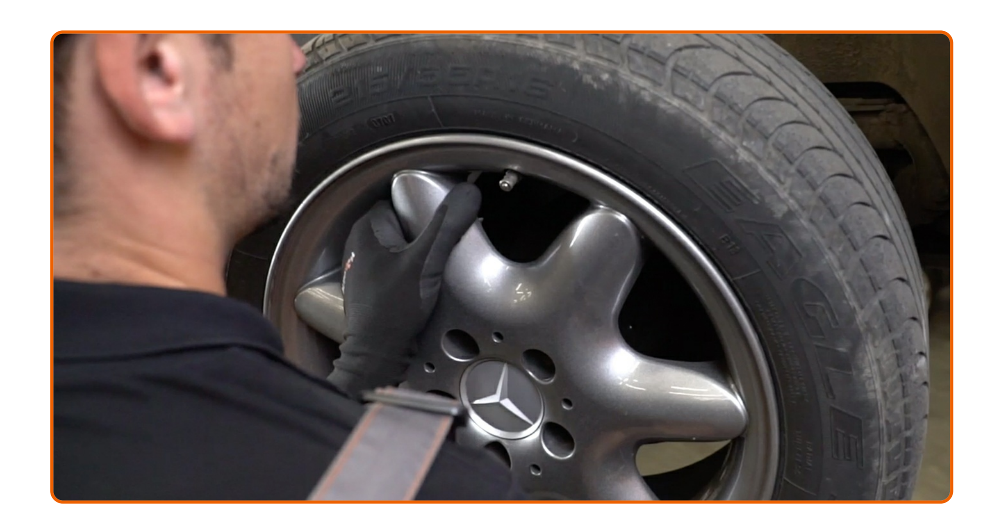


Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Mercedes W203

6



Remove the wheel.

7



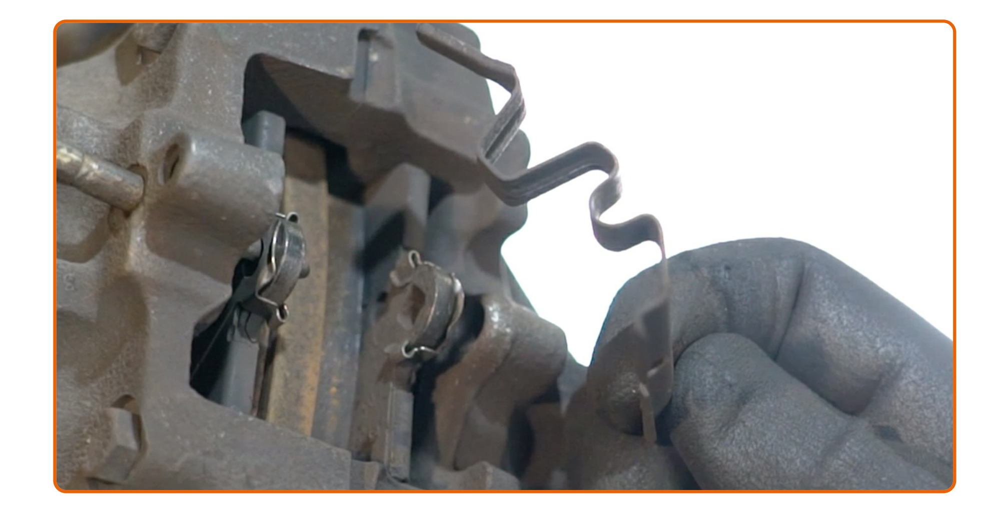
Clean the brake pads fasteners. Use a wire brush. Use all-purpose cleaning spray.

8



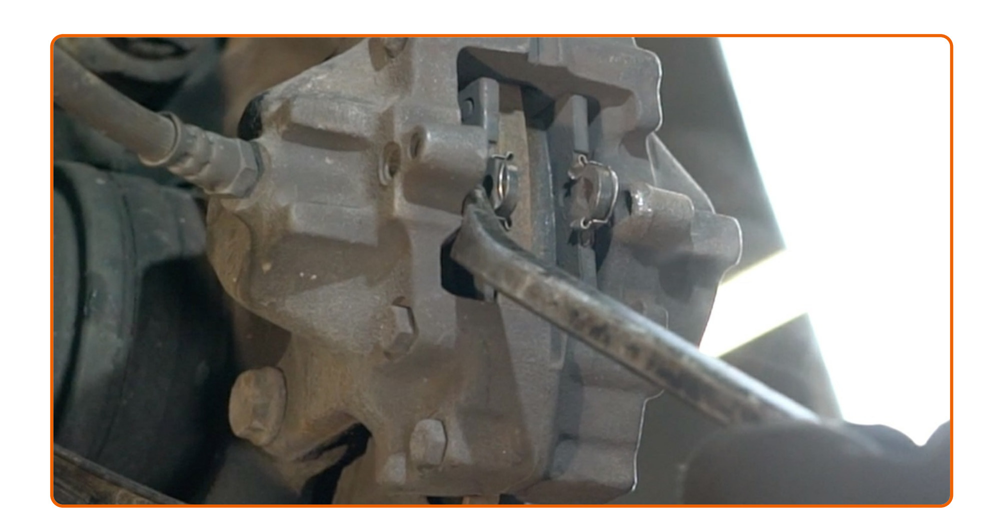
Remove the brake pad retaining pin. Use a pin punch. Use a hammer.

9



Remove the retaining spring of the brake pads.

10



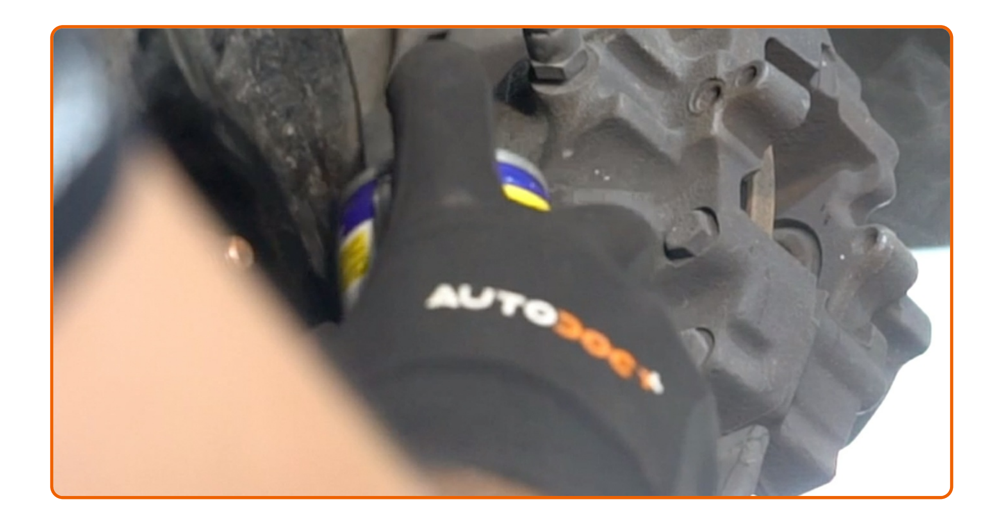
Spread the brake pads. Use a crowbar.

11



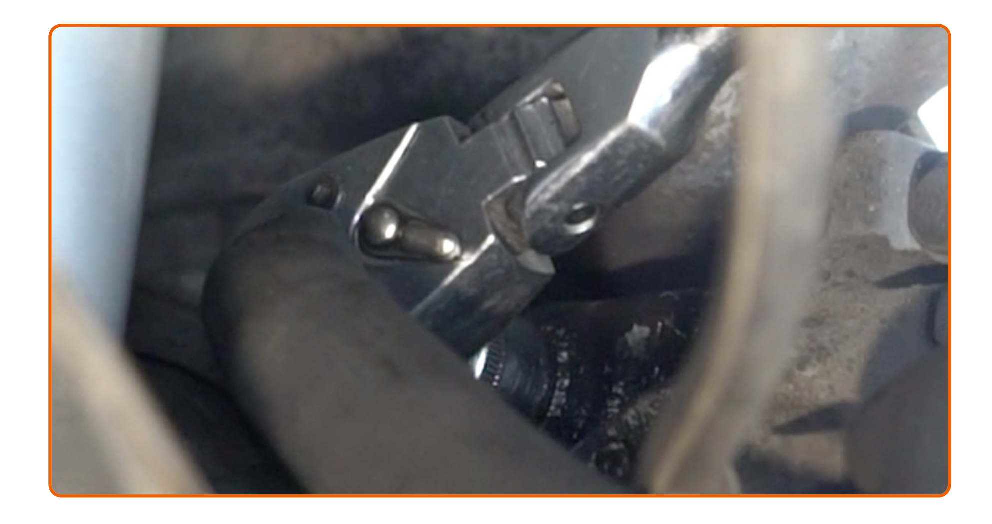
Remove the brake pads.

12



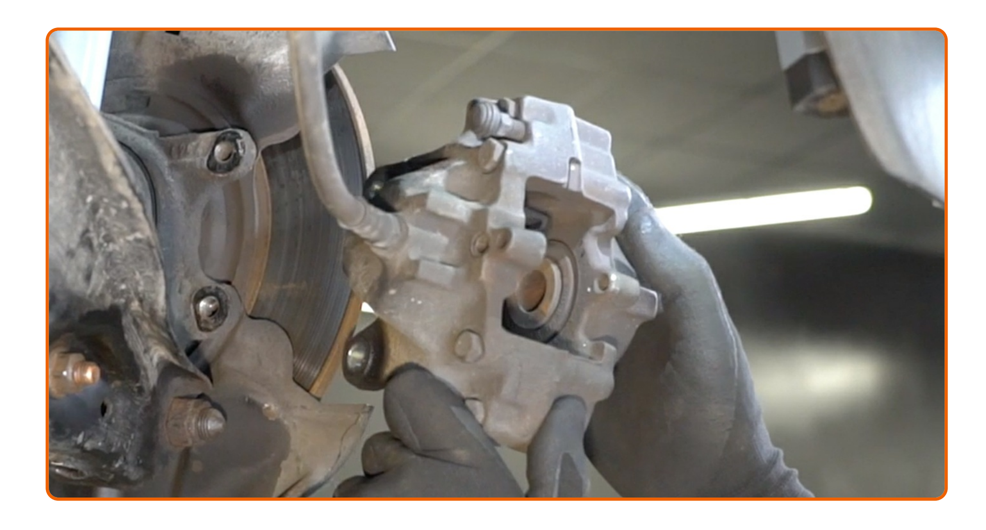
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

13



Unscrew the brake caliper fastening. Use a drive socket #18. Use a ratchet wrench.

14



Remove the brake caliper.

Replacement: brake discs – Mercedes W203. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

15



Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



16



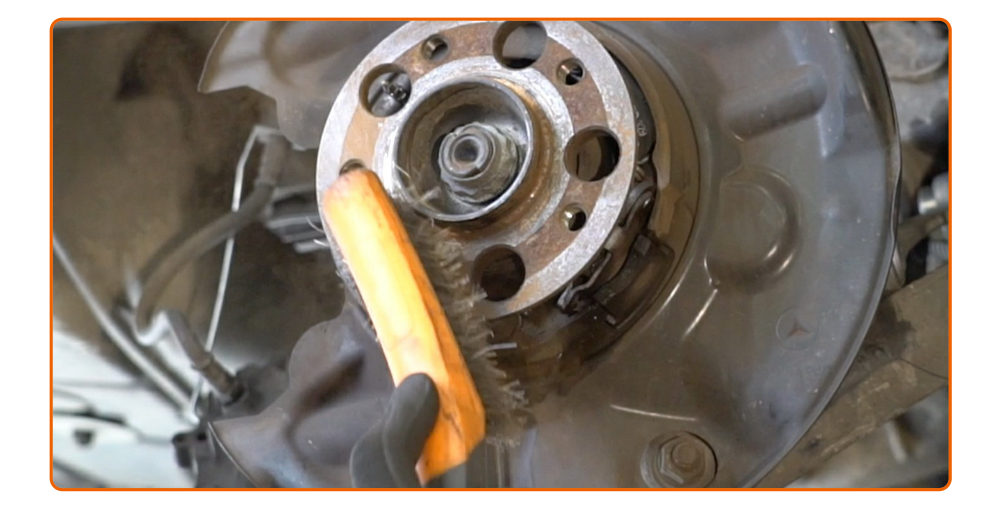
Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

17



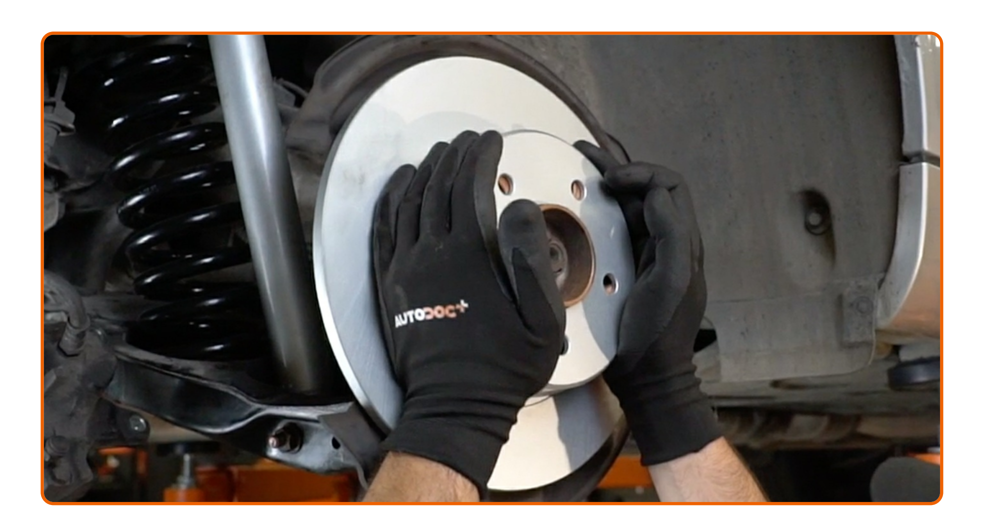
Remove the brake disc.

18



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

19



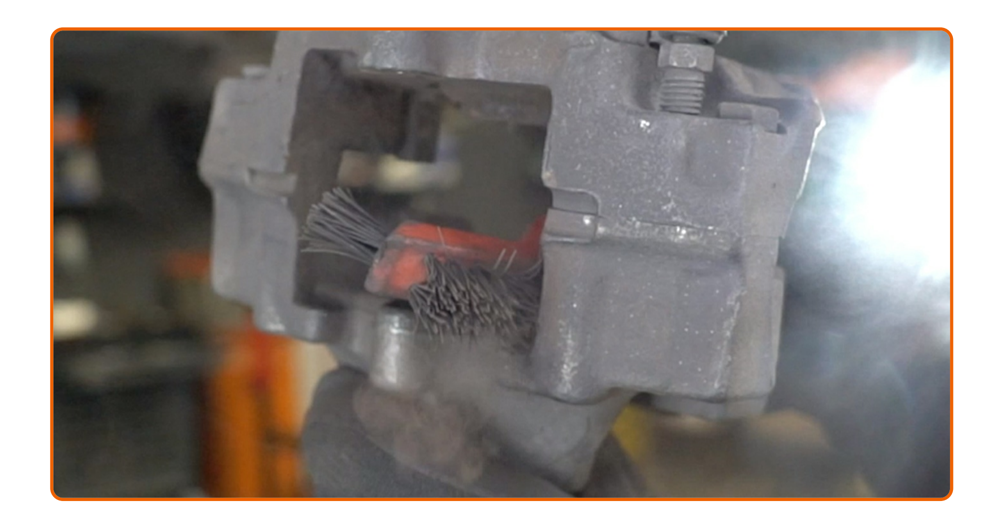
Install the brake disc.

20



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

21

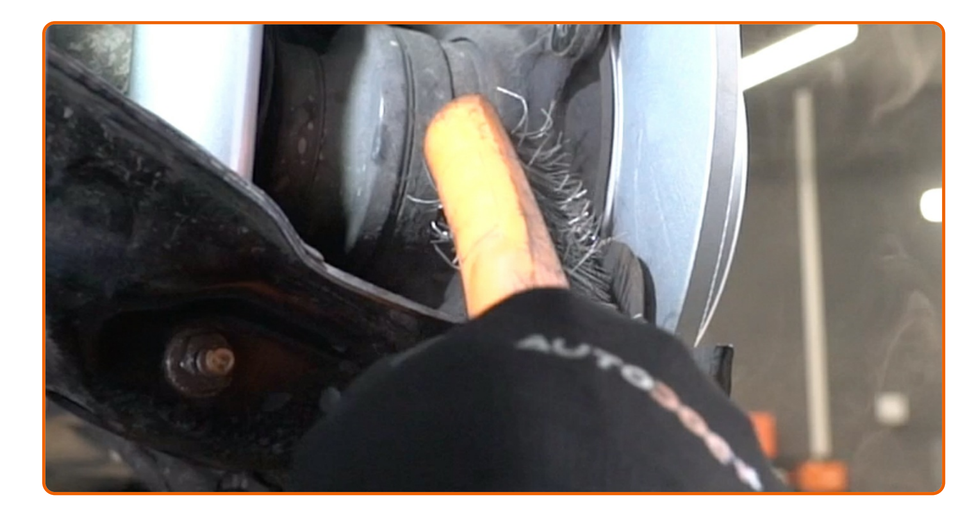


Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

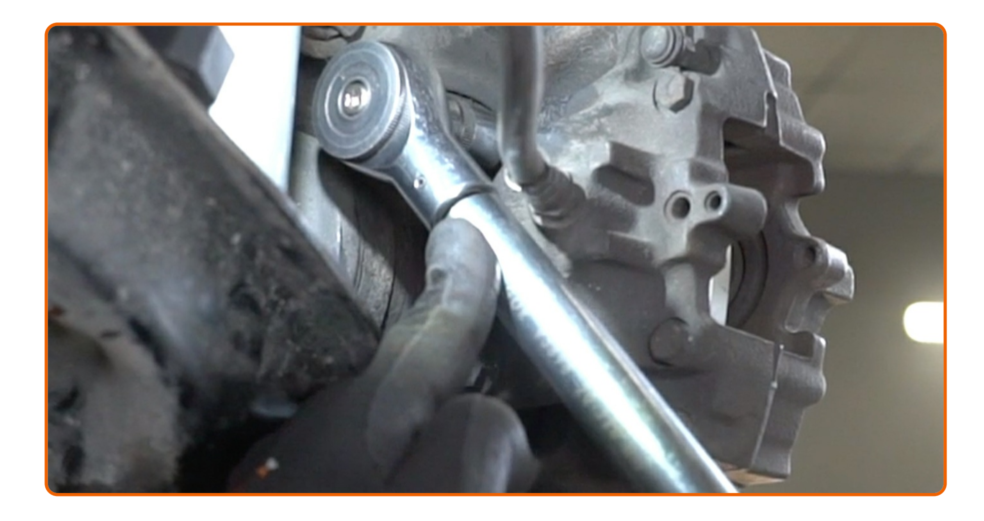
- Replacement: brake discs – Mercedes W203. After applying the spray, wait a few minutes.

22



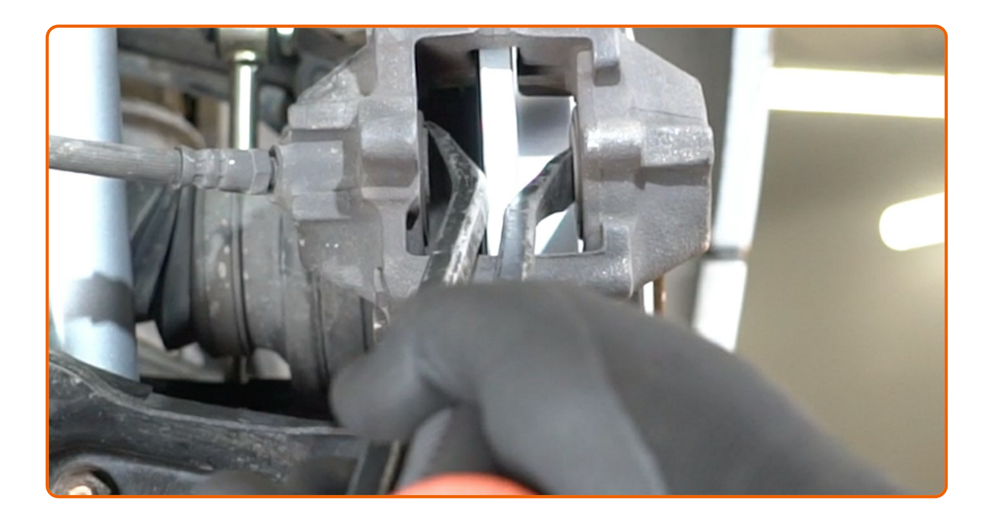
Clean the mounting seat of the brake caliper. Use a wire brush. Use WD-40 spray.

23



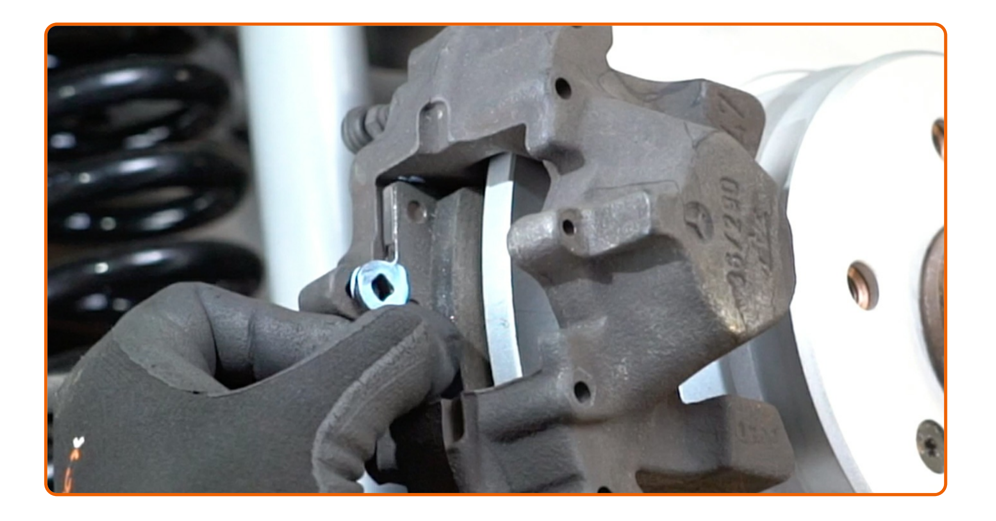
Install the brake caliper and fix it. Use a drive socket #18. Use a torque wrench. Tighten it to 70 Nm torque.

24



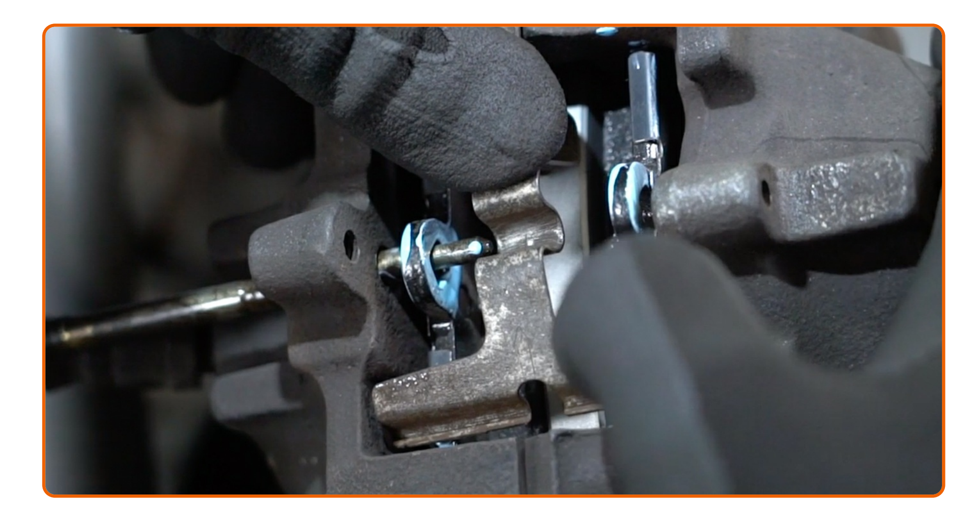
Press in the brake caliper piston. Use a crowbar (2 pieces).

25



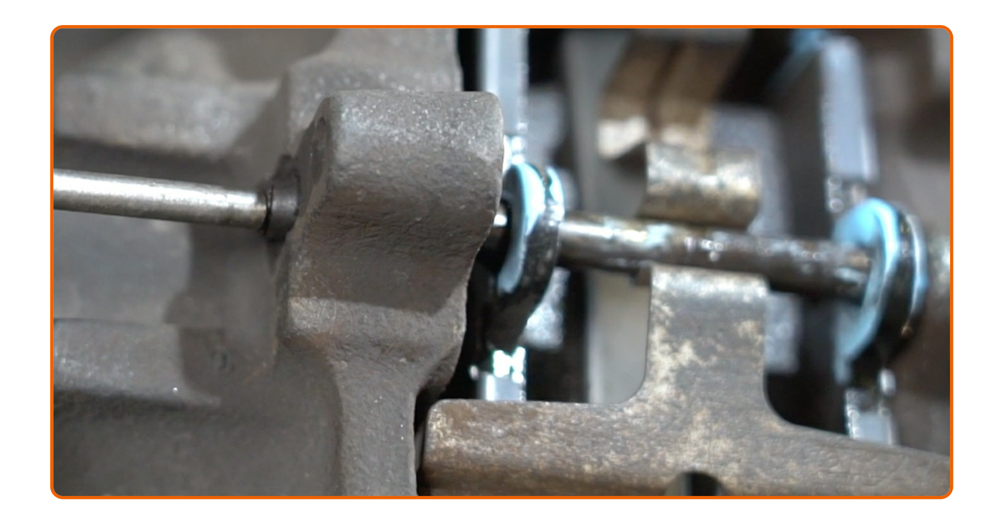
Install the brake pads.

26



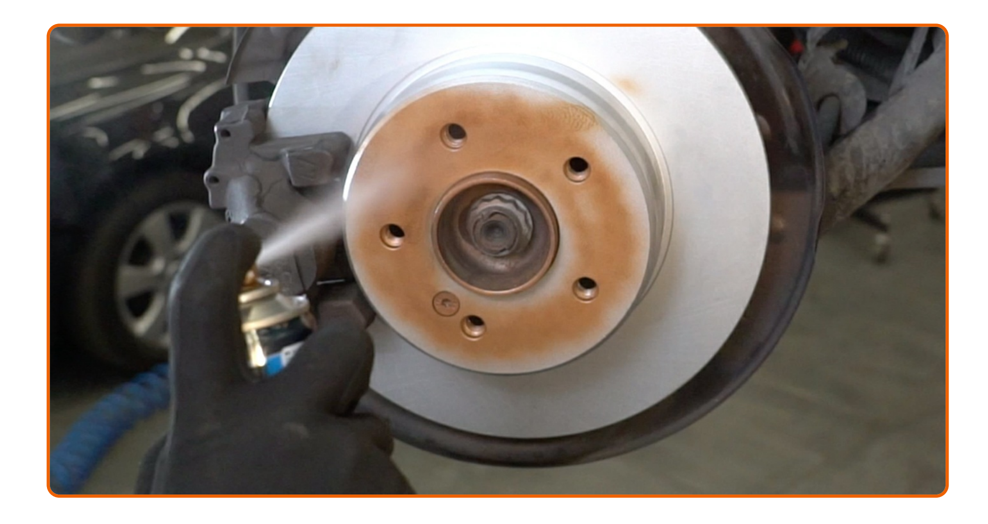
Install the retaining spring of the brake pads.

27



Install the brake pad retaining pin. Use a pin punch. Use a hammer.

28



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29



Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – Mercedes W203. Tip:

- After applying the spray, wait a few minutes.

30



Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Mercedes W203

31



Screw in the wheel bolts. Use wheel impact socket #17.



32



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.

33



Remove the jacks and chocks.

Replacement: brake discs – Mercedes W203. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

34



Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- Mercedes W203 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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